## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10599166"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/31 15:31
S2	8	US-5989209-\$.DID. OR US-6007555-\$.DID. OR US-4515583-\$.DID. OR US-1464310-\$.DID. OR US-9607377-\$.DID. OR US-9807398-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/10 11:20
S3	50	(US-20080188792-\$ or US-20010034504-\$ or US-20080139994-\$ or US-20030078591-\$ or US-20070073213-\$ or US-20020123744-\$ or US-20060047254-\$ or US-20060100653-\$ or US-20060200067-\$ or US-20060078448-\$ or US-20060052741-\$).did. or (US-5817099-\$ or US-6013049-\$ or US-524955-\$ or US-5213569-\$ or US-6159175-\$ or US-7357779-\$ or US-6299591-\$ or US-6283974-\$ or US-634989-\$ or US-6520929-\$ or US-7357779-\$ or US-5505693-\$ or US-5685841-\$ or US-5645530-\$ or US-5685841-\$ or US-5645530-\$ or US-5957914-\$ or US-5185002-\$ ).did. or (US-5871492-\$ or US-6117149-\$ or US-6179808-\$ or US-5733256-\$ or US-5871492-\$ or US-6117149-\$ or US-6179808-\$ or US-6	US-PGPUB; USPAT	OR	ON	2009/03/12

		6491661-\$ or US-5342293-\$ or US-5695461-\$ or US-5788679-\$ or US-5951565-\$).did.				
\$4	0 5	(US-20080188792-\$ or US-20060052758-\$ or US-20030078591-\$ or US-20030028141-\$ or US-20040092800-\$ or US-20040097868-\$ or US-20040097869-\$ or US-20060100653-\$ or US-20060100653-\$ or US-20020082793-\$ or US-20020082793-\$ or US-2002009325-\$ or US-20040068270-\$).did. or (US-5591160-\$ or US-5598489-\$ or US-6398754-\$ or US-6398754-\$ or US-5162044-\$ or US-5746713-\$ or US-5766146-\$ or US-5843109-\$ or US-5984889-\$ or US-6039715-\$ or US-6039715-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-5746713-\$ or US-5766146-\$ or US-5766146-\$ or US-5843109-\$ or US-6193683-\$ or US-66398750-\$ or US-6193683-\$ or US-6254587-\$ or US-6319220-\$ or US-6394974-\$ or US-6533750-\$ or US-665054-\$ or US-6899694-\$).did. or (US-6939317-\$ or US-6958056-\$ or US-7037296-\$ or US-7169123-\$ or US-7204820-\$ or US-7316664-\$).did.	US-PGPUB; USPAT	OR	ON	2009/03/12 15:34
S5	29	((GRAHAM) near2 (BARRETT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 16:14
S6	29	((GRAHAM) near2 (BARRETT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 16:15
<b>S</b> 7	1	"10599166"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/12 16:21

<b>S</b> 8	8	US-5989209-\$.DID. OR US-6007555-\$.DID. OR US-4515583-\$.DID. OR US-1464310-\$.DID. OR US-9607377-\$.DID. OR US-9807398-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/12 16:21
S9	6	S7 S8	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 16:21
S10	654	(606/166).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/12 16:28
S11	649	S10 not (S3 S4 S5 S6 S7 S8 S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 16:29
S12	321	(606/161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/12 16:47
S13	300	S12 not (S3 S4 S5 S6 S7 S8 S9 S10 S11)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 16:47
S14	165	(606/162).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/12 16:52
S15	150	S14 not (S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 16:52
S16	631	(606/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/12 17:05
S17	598	S16 not (S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 17:05
S18	14	("3938529"   "4052989"   "4515583"   "4634420"   "4787889"   "4808154"   "4869715"   "4955862"   "5180376"   "5282786"   "5286256"   "5308342").PN. OR ("6013046").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 17:16
S19	203	(623/6.12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/12 17:26

S20	43	S19 and phacoemulsification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 17:26
S21	2031	(604/22).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/12 17:28
S22	1718	S21 not (S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 17:28
S23	124	S22 and phacoemulsification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/12 17:29
S24	7	(US-20020123744-\$ or US-20030208218-\$ or US-20020099325-\$ or US-20020019605-\$ or US-20030125720-\$ or US-20030125720-\$ or US-20030120199-\$ or US-20010021819-\$).did. or (US-6007555-\$ or US-6299591-\$ or US-6283974-\$ or US-6520955-\$ or US-6117149-\$ or US-683974-\$ or US-5788679-\$ or US-5743871-\$ or US-5741226-\$ or US-5733256-\$ or US-5725495-\$ or US-5645530-\$ or US-5505693-\$ or US-7204820-\$ or US-7037296-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-5746713-\$ or US-5746713-\$ or US-5766146-\$ or US-5685841-\$ or US-5162044-\$ or US-5935096-\$ or US-5718676-\$ or US-6340355-\$ or US-6340355-\$ or US-6340355-\$ or US-676649-\$ or US-5653724-\$ or US-6013046-\$ or US-5676649-\$ or US-5653724-\$ or US-6625593-\$ or US-5676649-\$ or US-5653724-\$ or US-6626593-\$ or US-5676649-\$ or US-5653724-\$ or US-5626593-\$ or US-56265	US-PGPUB; USPAT	OR	ON	2009/03/12 17:41

\$25	1114	5464389-\$ or US-5413556-\$ or US-5188102-\$ or US-5154696-\$ or US-3857387-\$ or US-3589363-\$ or US-7351219-\$).did. or (US-7329261-\$ or US-6361520-\$ or US-6033376-\$ or US-5993409-\$ or US-5667489-\$ or US-5084009-\$).did.	US-PGPUB;	OR	ON	2009/03/12
		needle and (tapered or graduated or sloped)	USPAT			20:30
S26	5	phacoemulsification and (ultrasonic same (tapered or graduated or sloped) near (needle or rod))	US-PGPUB; USPAT	OR	ON	2009/03/12 20:33
S27	13	ultrasonic same ((tapered or graduated or sloped) near (needle or rod))	US-PGPUB; USPAT	OR	ON	2009/03/12 20:35
S28	45	"4808154"	US-PGPUB; USPAT	OR	ON	2009/03/13 10:58
829	72	(US-20020123744-\$ or US-20030208218-\$ or US-20020099325-\$ or US-20020019605-\$ or US-20020099400-\$ or US-20030120199-\$ or US-20030120199-\$ or US-5989209-\$ or US-4515583-\$ or US-6520955-\$ or US-6299591-\$ or US-6283974-\$ or US-6159175-\$ or US-6117149-\$ or US-5871492-\$ or US-5788679-\$ or US-5743871-\$ or US-5741226-\$ or US-5733256-\$ or US-5725495-\$ or US-5645530-\$ or US-505693-\$ or US-5354265-\$ or US-5213569-\$ or US-605054-\$ or US-633750-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-5746713-\$ or US-5766146-\$ or US-5685841-\$ or US-5162044-\$ or US-5935096-\$ or US-5718676-\$ or US-3990453-\$ or US-2598060-\$	US-PGPUB; USPAT	OR	ON	2009/03/13

		or US-6117151-\$ or US-6074396-\$ or US-6033375-\$ or US-6013046-\$ or US-5676649-\$ or US-5653724-\$ or US-5626593-\$ or US-5464389-\$ or US-5413556-\$ or US-5154696-\$ or US-3857387-\$ or US-351219-\$).did. or (US-7329261-\$ or US-6361520-\$ or US-6033376-\$ or US-5993409-\$ or US-5667489-\$ or US-5084009-\$ or US-4869715-\$ or US-5286256-\$ or US-3990452-\$ or US-4808154-\$).did.				
S30	72	(US-20020123744-\$ or US-20030208218-\$ or US-20020099325-\$ or US-20020019605-\$ or US-20030125720-\$ or US-20030125720-\$ or US-20030120199-\$ or US-20030120199-\$ or US-5989209-\$ or US-4515583-\$ or US-6520955-\$ or US-6299591-\$ or US-6283974-\$ or US-6159175-\$ or US-6117149-\$ or US-5871492-\$ or US-5788679-\$ or US-5743871-\$ or US-5741226-\$ or US-5733256-\$ or US-5725495-\$ or US-5645530-\$ or US-5733256-\$ or US-5354265-\$ or US-5213569-\$ or US-5213569-\$ or US-605054-\$ or US-6533750-\$ or US-6398754-\$ or US-6398754-\$ or US-5746713-\$ or US-5746713-\$ or US-5746713-\$ or US-5746713-\$ or US-5746713-\$ or US-5746713-\$ or US-5935096-\$ or US-5718676-\$ or US-6340355-\$ or US-6340355-\$ or US-6074396-\$ or US-6033375-\$ or US-6013046-\$ or US-6033375-\$ or US-6013046-\$ or US-5653724-\$	US-PGPUB; USPAT	POR	ON	2009/09/21

		or US-5626593-\$ or US-5464389-\$ or US-5413556-\$ or US-5188102-\$ or US-5154696-\$ or US-3857387-\$ or US-3589363-\$ or US-7351219-\$).did. or (US-7329261-\$ or US-6361520-\$ or US-6033376-\$ or US-5993409-\$ or US-5667489-\$ or US-5084009-\$ or US-4869715-\$ or US-5286256-\$ or US-3990452-\$ or US-4531934-\$ or US-4808154-\$).did.				
<b>S31</b>	72	(US-20020123744-\$ or US-20030208218-\$ or US-20020099325-\$ or US-20020019605-\$ or US-20020099400-\$ or US-20030120199-\$ or US-20010021819-\$).did. or (US-6007555-\$ or US-6520955-\$ or US-6520955-\$ or US-6159175-\$ or US-6117149-\$ or US-674326-\$ or US-5741226-\$ or US-5741226-\$ or US-573256-\$ or US-5334265-\$ or US-5213569-\$ or US-633750-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-6398754-\$ or US-5746713-\$ or US-56340355-\$ or US-574674396-\$ or US-574876-\$ or US-56340355-\$ or US-5935096-\$ or US-5718676-\$ or US-6013046-\$ or US-5613724-\$ or US-5626593-\$ or US-5676649-\$ or US-5653724-\$ or US-5626593-\$ or US-5644389-\$ or US-5413556-\$ or US-5188102-\$ or US-5154696-\$ or US-5413556-\$ or US-5188102-\$ or US-5154696-\$ or US-5413556-\$ or US-5188102-\$ or US-5154696-\$ or US-5857387-\$	US-PGPUB; USPAT	OR	ON .	2009/11/18 18:29

		or US-3589363-\$ or US-7351219-\$).did. or (US-7329261-\$ or US-6361520-\$ or US-6033376-\$ or US-5993409-\$ or US-5667489-\$ or US-5084009-\$ or US-4869715-\$ or US-5286256-\$ or US-3990452-\$ or US-4808154-\$).did.				
S32	13	S31 and solid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 18:29
S33	664	(606/166).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/18 18:42
S34	333	(606/161). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/18 18:42
<b>S</b> 35	169	(606/162).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/18 18:42
S36	687	(606/169).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/18 18:42
<b>S</b> 37	208	(623/6.12).OOLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/18 18:42
S38	2123	(604/22).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/18 18:42
<b>S</b> 39	3861	S33 S34 S35 S36 S37 S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 18:42
S41	0	S39 and solid near ultrasonic near member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 18:43
S42	0	solid near ultrasonic near member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 18:43

S43	1304	solid same ultrasonic same member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 18:44
S44	83	S39 and ultrasonic and (solid near (rod needle member wire))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 18:47
S45	6	S39 and ultrasonic and ((solid near (rod needle member wire)) and (hollow near tip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 19:11
S46	17	("20010031951"   "20040204690"   "4959049"   "5213569"   "5676649"   "5718676"   "5788679"   "5830192"   "5980529"   "5993408"   "5993409"   "6007555"   "6126629"   "6159175"   "6283974"   "6533750"   "7204820").PN. OR ("7588553").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:16
S47	32	ultrasonic and ((solid near (rod needle member wire)) and (hollow near tip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 19:23
S48	184	ultrasonic and ((solid near (rod needle member wire)) and cup)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/11/18 19:29

## 11/18/2009 8:48:00 PM

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